

FIG. 1

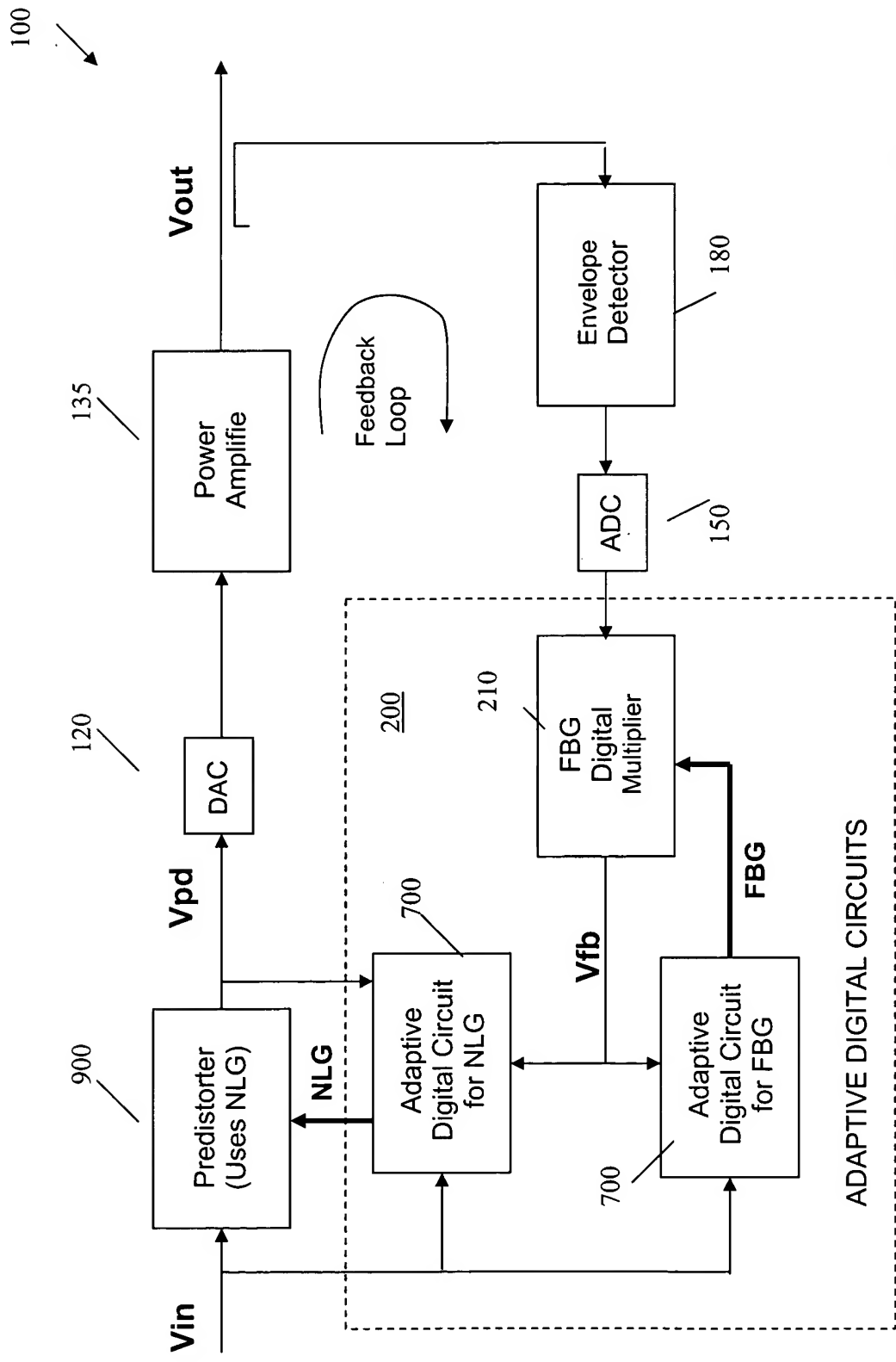


FIG. 2

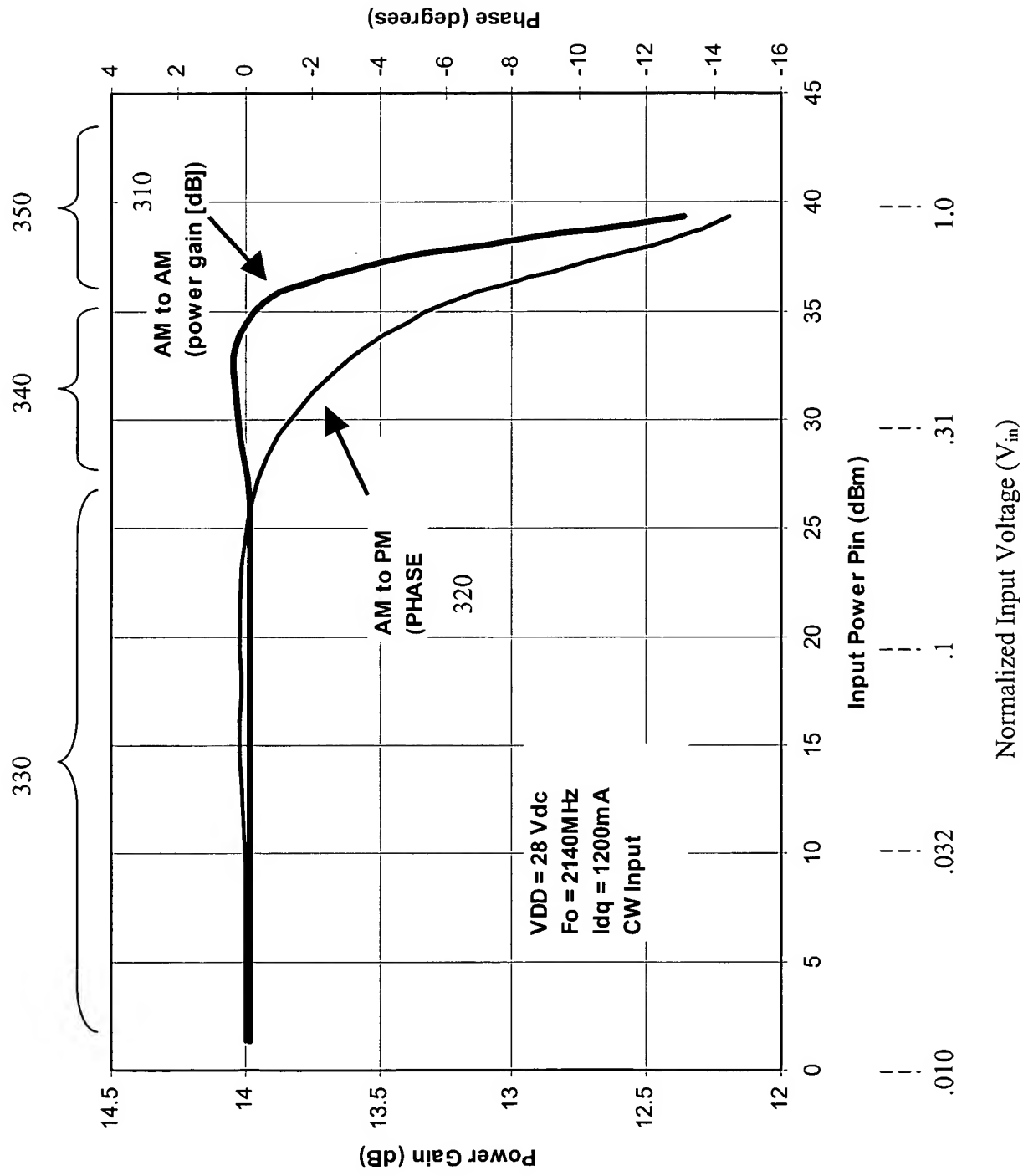


FIG. 3

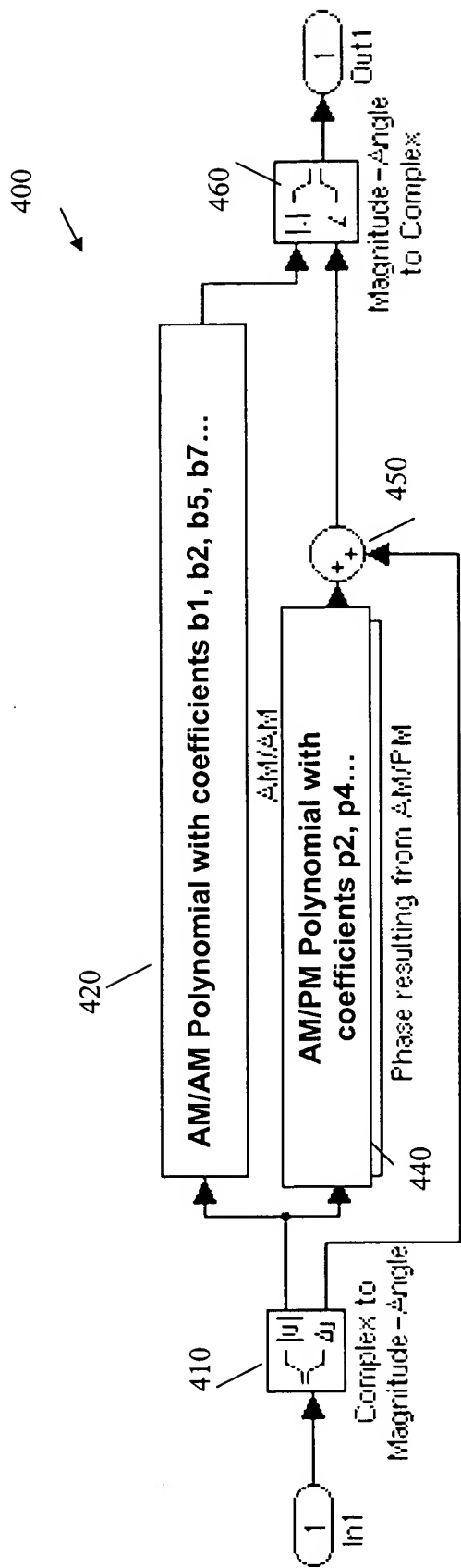


FIG. 4
PRIOR ART

500

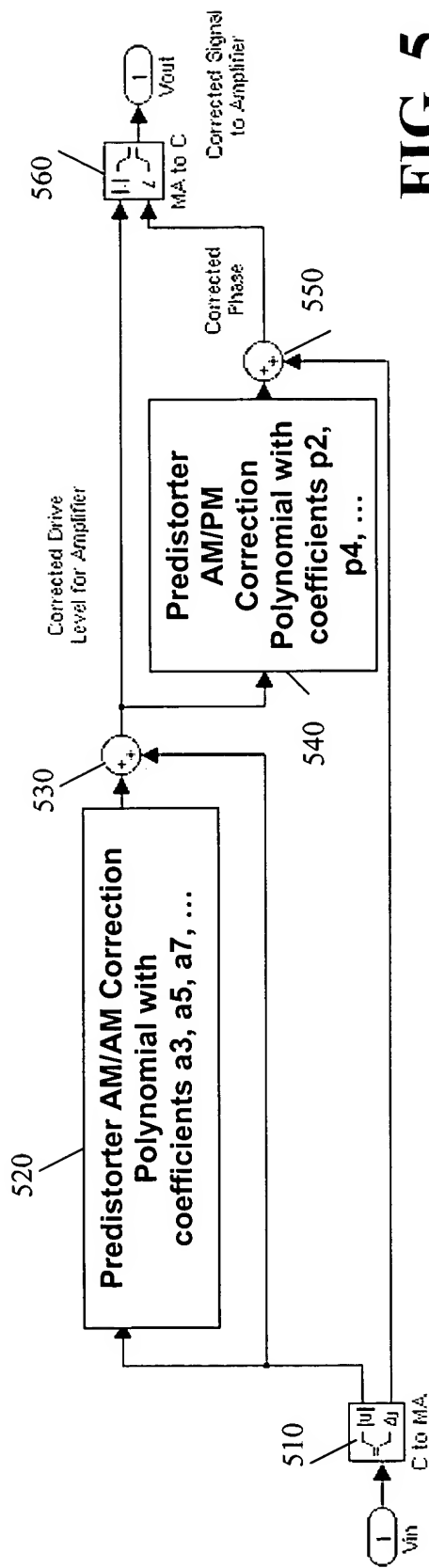


FIG. 5
PRIOR ART

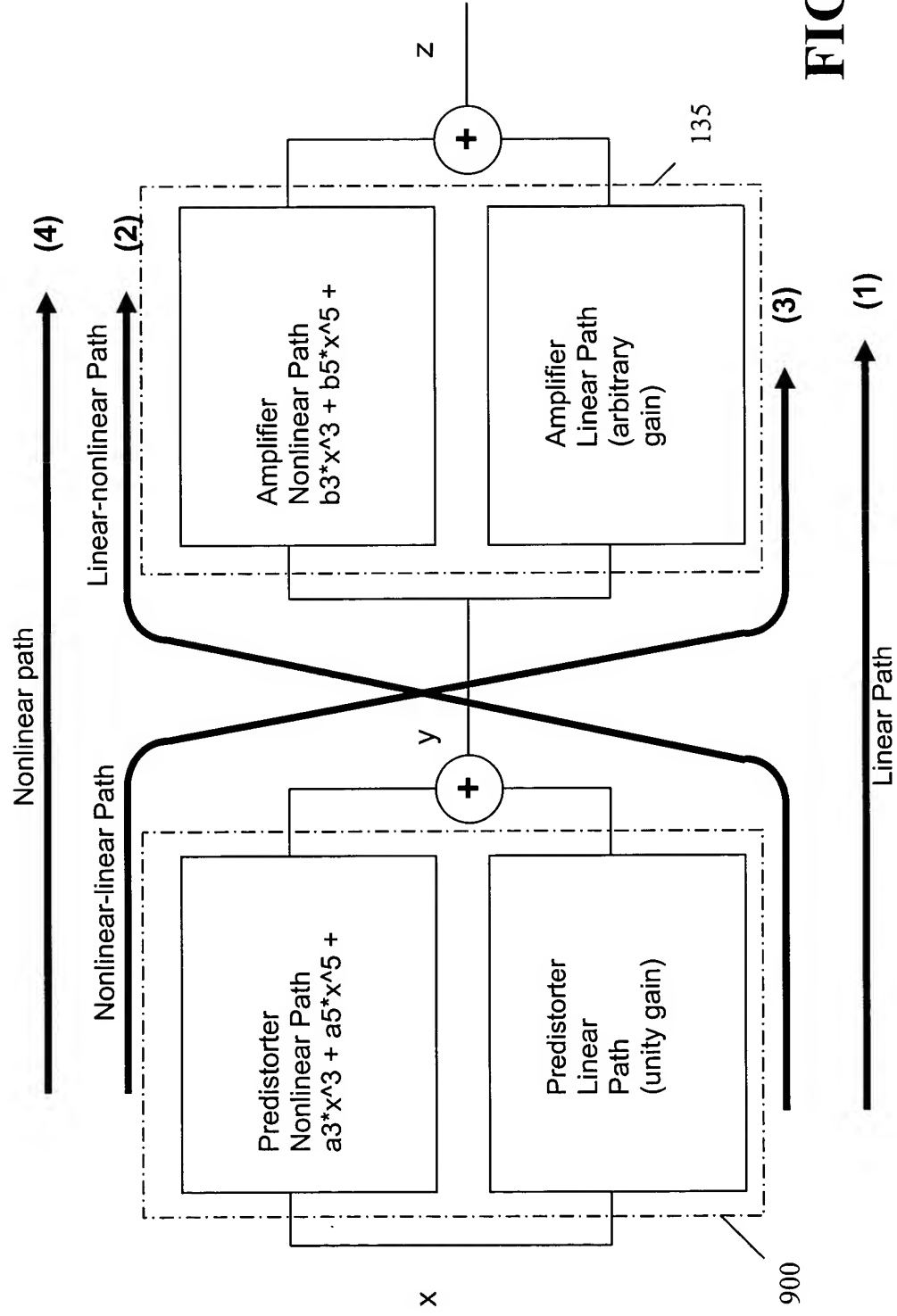


FIG. 6

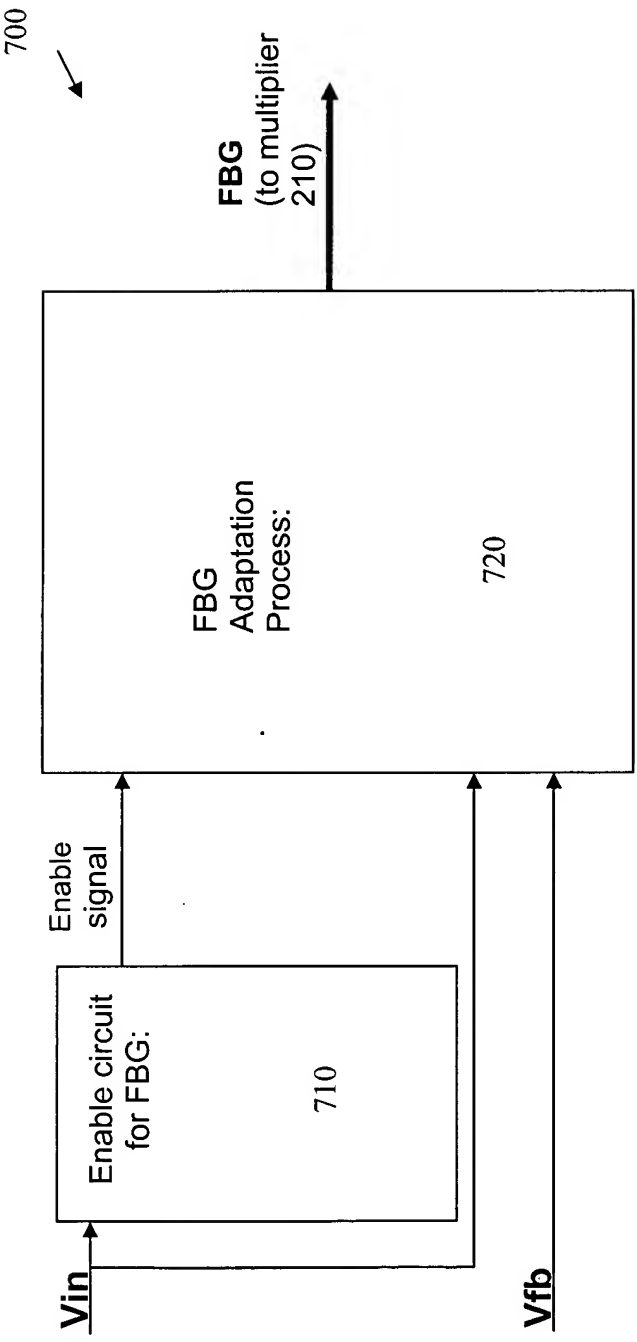


FIG. 7

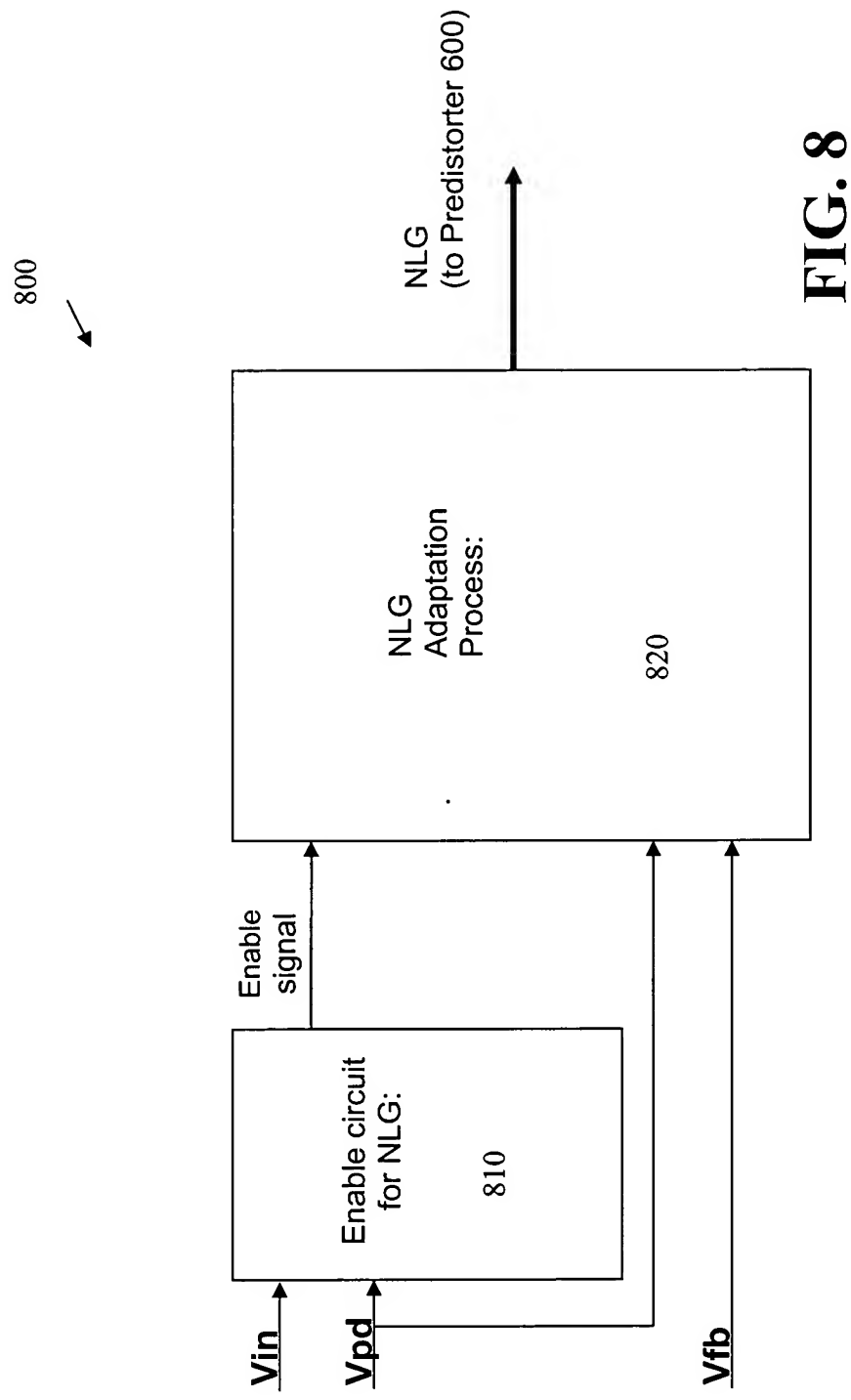
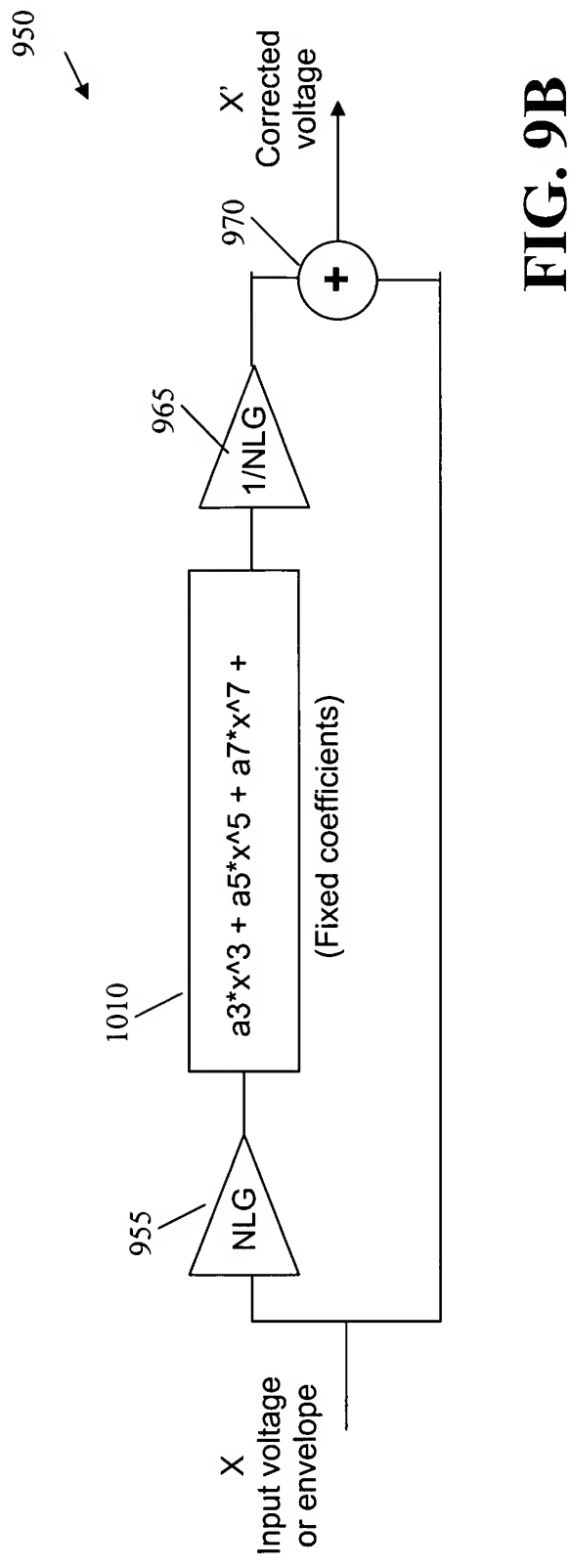
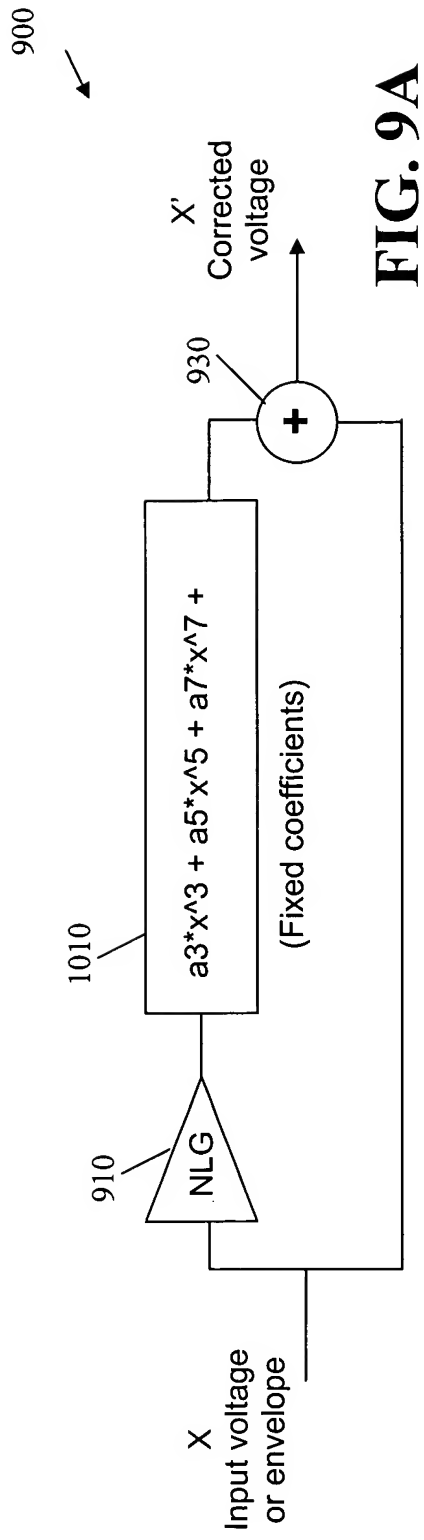


FIG. 8



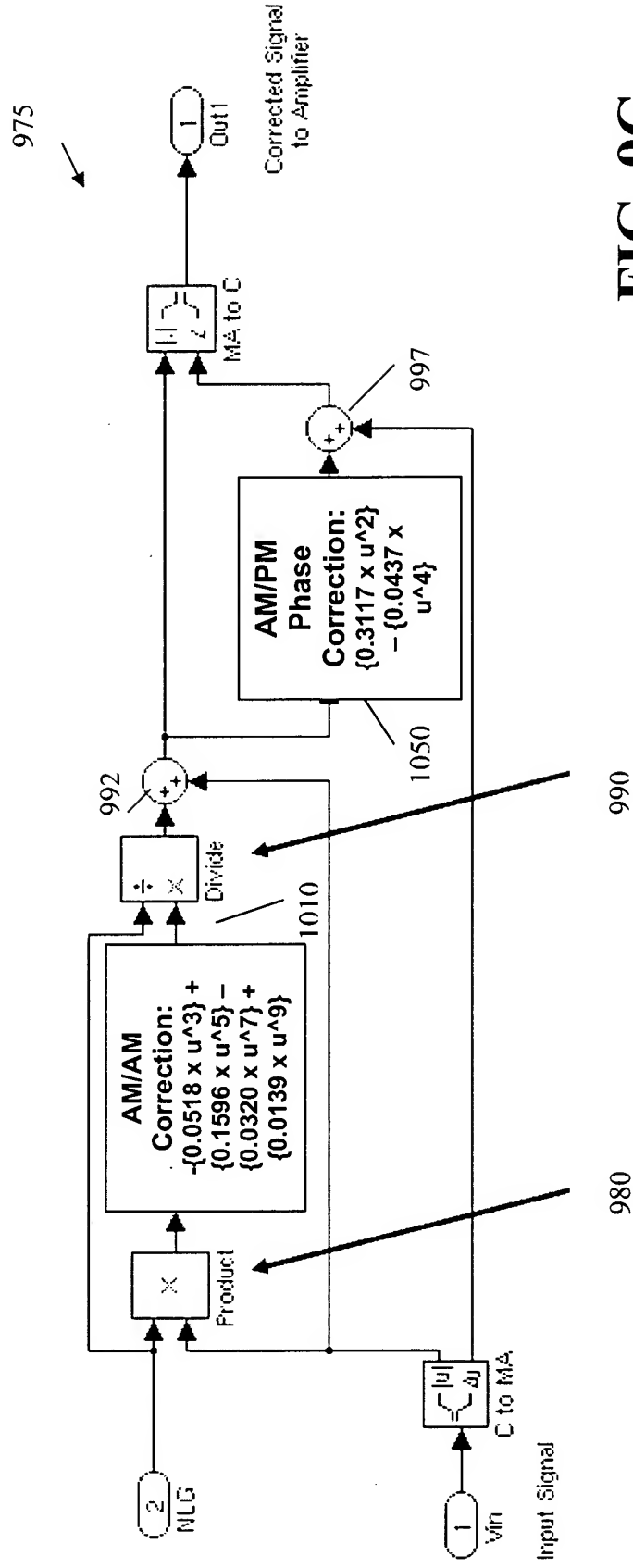


FIG. 9C

AM/AM Characteristic Correction Table – 1010

Record Identifier	Quantized Input Voltage Level	Magnitude Corrected Voltage Output per $-0.0518 \cdot u^3 + 0.1596 \cdot u^5 - 0.0320 \cdot u^7 + 0.0139 \cdot u^9$
1	0	0
2	0.0009766	-4.82424E-11
3	0.0019531	-3.85936E-10
4	0.0029297	-1.30251E-09
...
1023	0.9980469	0.088642915
1024	1.0000000	0.0897

FIG. 10A

AM/PM Characteristic Correction Table – 1050

Record Identifier	Magnitude Corrected Input Voltage Level	Phase Corrected Voltage Output per $0.3117 \cdot u^2 - 0.0437 \cdot u^4$
1	0	0
2	-4.82424E-11	6.23723E-22
3	-3.85936E-10	3.99176E-20
4	-1.30251E-09	4.54673E-19
...
1023	0.088642915	0.002105828
1024	0.0897	0.002156352

FIG. 10B